

B.S. Computer Science-Software Development, Northern Illinois University McHenry County College Associate of Science (A.S.) Minimum 60 semester hours

Year One – Semester I (14 S.H.)	
MCC	NIU
ENG 151 Composition I (3)	ENGL103 Rhetoric & Composition I
MAT 161 College Algebra (3)	MATH110 College Algebra
IAI Life Science* (4)	Life Science Elective
IAI Humanities or Fine Arts** (3)	Elective
MCC 101 (1)	UNIV 100 General Elective

Year One – Semester II (15 -16 S.H.)	
MCC	NIU
SPE 151 Introduction to Speech (3)	COMS 100 Fund. of Oral Communication
ENG 152 Composition II (3)	ENGL203 Rhetoric & Composition II
MAT 251 Discrete Math (3)	MATH206 Discrete Math
Social/Behavioral Science Course (3)	Elective
IAI Physical Science/Life Science* (3-4)	Physical/Life Science Elective

Second Year – Semester I (15 S.H.)	
MCC	NIU
CSC 121 Computer Science I (4)	CSCI240 Intermediate Programming
MAT 171 Calculus for Business & Social Science (4)	MATH211 Calculus for Business & Social Science
SOC 151 Intro to Sociology (IAI Social/Behavioral Science Course) (3)	SOCI170 Intro to Sociology (Human Diversity Requirement)
IAI Physical Science (4)	Physical Elective

Second Year – Semester II (17 S.H.)	
MCC	NIU
CSC 122 Computer Science II (4)	CSCI241 Intermediate Programming
MAT 220 Statistics (4)	STAT200 Elementary Statistics
IAI Humanities or Fine Arts** (3)	Elective
Elective (3)	Elective
Elective (3)	Elective
Total Semester Hours Completed after Year 2	61-62 Semester Hours

*11 total credits required for Physical and Life Sciences with two labs

**See MCC catalog for course options.

Disclaimer: You are encouraged to use this transfer guide when planning your progress towards degree completion. Following a transfer guide does not guarantee admission into the listed program. Information was updated 9/2023; however, any curriculum changes reflected in the Undergraduate Catalog override the information on this guide. Contact your MCC Academic Advisor for assistance in interpreting this guide.

For more NIU information contact: Northern Illinois University

transfercenter@niu.edu, Attention "Transfer Center," Tel: 815-753-0446



B.S. Computer Science- Software Development

Year Three suggestions

NIU Course Number	NIU Course Title	Semester Hours
Fall		
CSCI330	UNIX and Network Programming	4
CSCI340	Data Structures and Algorithm Analysis	4
Electives		6
Spring		
CSCI360	Computer Programming in Assembler Language	4
CSCI466	Databases	4
Electives		6
Total Year 3 Semester Hours		28

Year Four Suggestions

Fall		
CSCI463	Computer Architecture and Systems Organization	4
CSCI467	Introduction to Software Engineering	4
CSCI390+	Computer Science Electives	3-4
Electives		6
Spring		
CSCI480	Principles of Operating Systems	4
CSCI300+	Computer Science Electives	3-4
CSCI390+	Computer Science Electives	3-4
Electives		6
Total Year 4 Semester Hours		33-35
Total Semester Hours Completed at NIU		61-63
Total Semester Hours Completed at MCC		61-62
Total Semester Hours for B.S. Degree		122-125

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